Keynote Address

2004 Tactical Wheeled Vehicles Conference

The Honorable Claude M. Bolton, Jr.
Assistant Secretary of the Army (Acquisition, Logistics and Technology) and
Army Acquisition Executive

Trivia Question

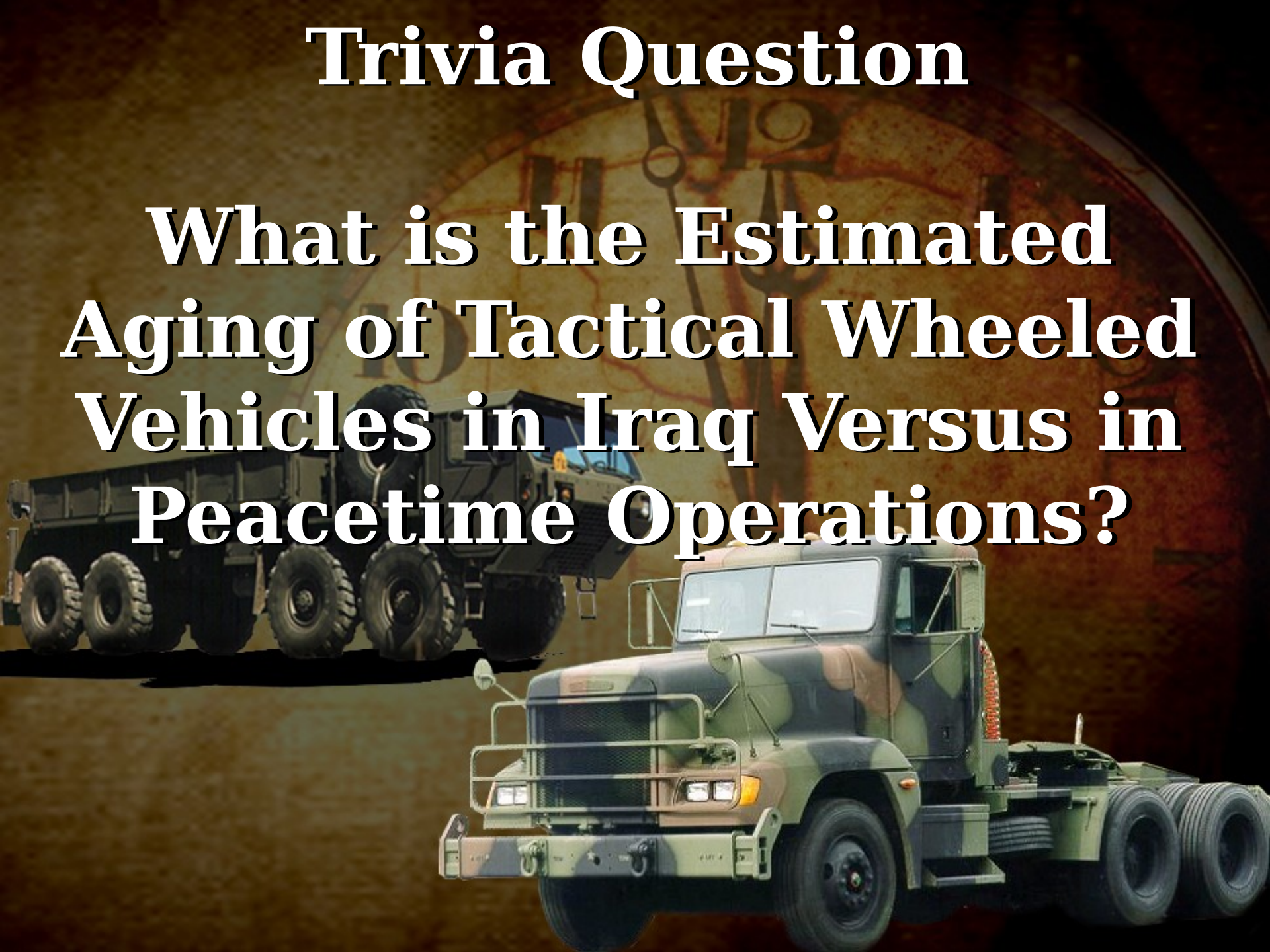
How Many Tactical Wheeled Platforms Does the Army Currently Manage?

Trivia Answer

295,000+

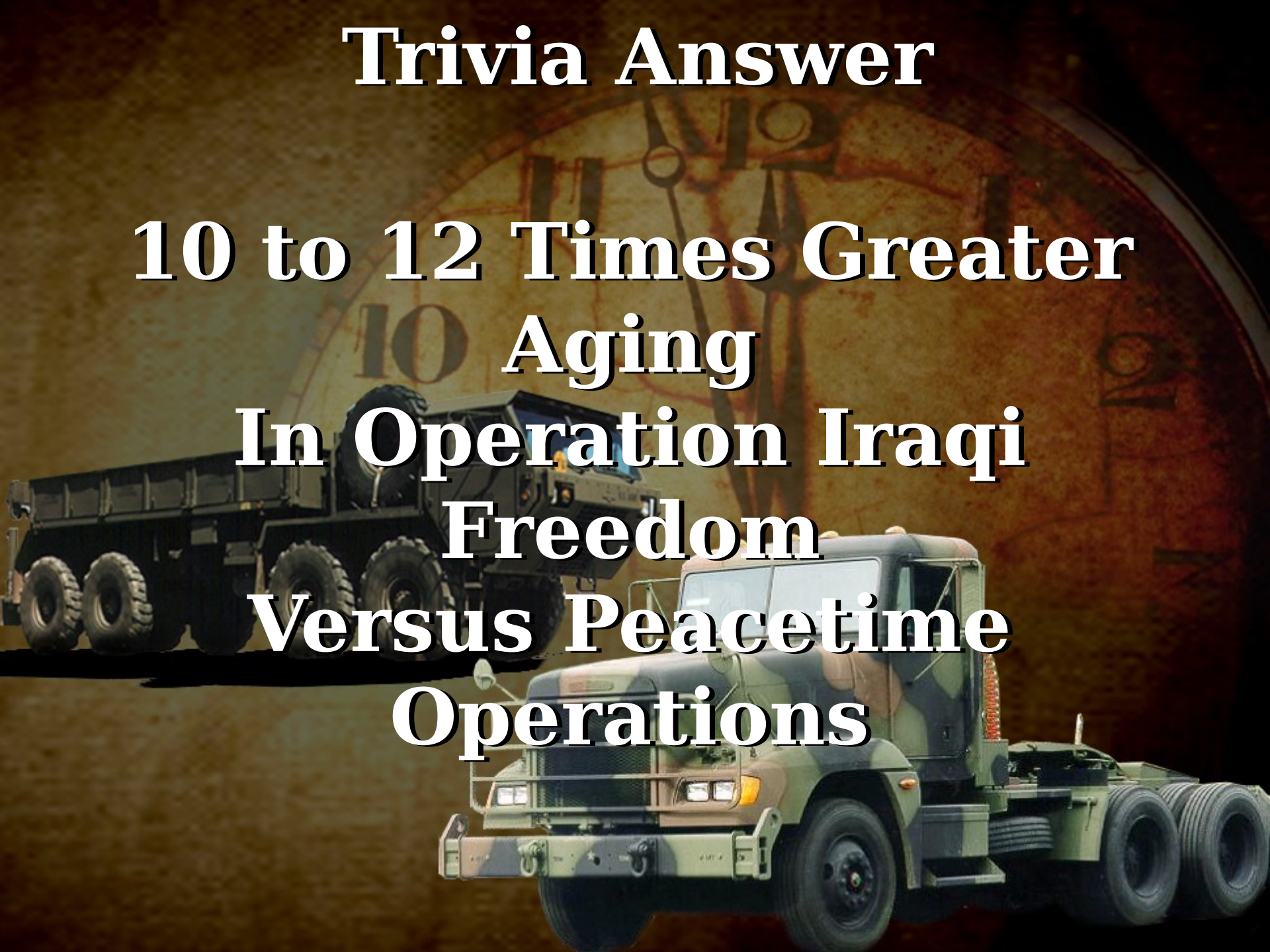
Trivia Question

What is the Estimated Aging of Tactical Wheeled Vehicles in Iraq Versus in Peacetime Operations?



Trivia Answer

10 to 12 Times Greater Aging In Operation Iraqi Freedom Versus Peacetime Operations



We Are At War

M870A3 Trailer

Family of Medium Tactical Vehicles

Heavy Equipment Transport (HET) Battle Damaged

Heavy Expanded Mobility Tactical Truck (HEMTT), Battle Damaged

Palletized Load System (PLS) Truck and PLS Trailer (PLS-T)

M915A3 Line Haul Tractor

HMMVW Battle Damaged

M939A2 5 Ton Truck

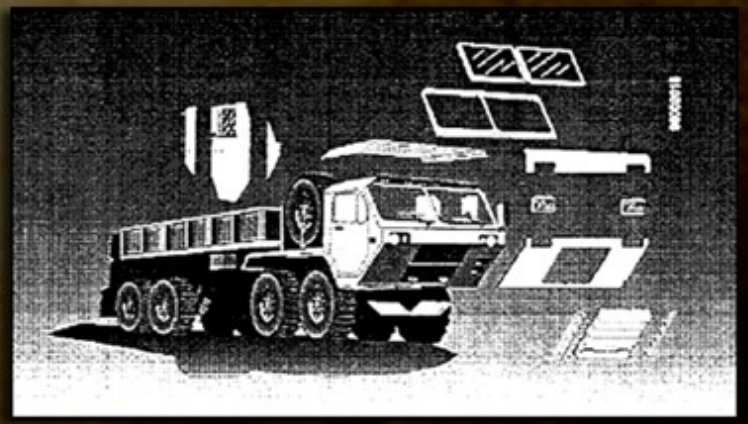
Force Protection

Movement Tracking System

Up-Armored HMMWV

5-TON TRUCK
Armor Panels Cover Rear of Cab (Sliding Window)
Two Armored Energy Absorbing Seats
Corner Shot Protection
Armored Windshield
Armored Dash for Driver Protection
Under Hood Armor Driver & Passenger
Cowl Armor for Crew Survivability
Reinforced Wheel Well for Crew Mine Survivability
Relocated Battery Box
Armored Doors Against Small Arms
Frag Mat (Interior Flooring)
Blast Plate (Interior Flooring)

M939 5-Ton Truck Armor



HEMTT Crew Protection

Stryker in Iraq

The War on Terror Will Not Be Short

- Continuously Rejuvenate Today's Fleet
- Replace Parts With More Reliable Parts
- Leverage Commercial Innovation
- Use Block Improvements for Vehicle Architectures Upgrades

Crew Survivability is a Permanent Requirement

Challenges

- Increased Fuel Efficiency
- Increased Reliability
- Reduced Maintenance

Areas of Immediate Focus

Train and Equip Soldiers and Grow Leaders

- The Soldier
- The Bench
- Army Aviation
- Leader Development and Education
- Combat Training Centers/Battle Command Training Program

Enable the Force

- Installations as Flagships
- Resource Processes
- Strategic Communications
- Authorities, Responsibilities, and Accountability

Provide Relevant and Ready Land Power Capability to the Combatant Commander and the Joint Team

- Current to Future Force
- The Network
- Modularity
- Joint and Expeditionary Mindset
- AC/RC Balance
- Force Stabilization
- Actionable Intelligence

The Process

CAPABILITY NEED

Acquire
Develop
Contract
Test
Provision
Field

acquisition

Operate/Sustain
Upgrade/Modernize
FMS

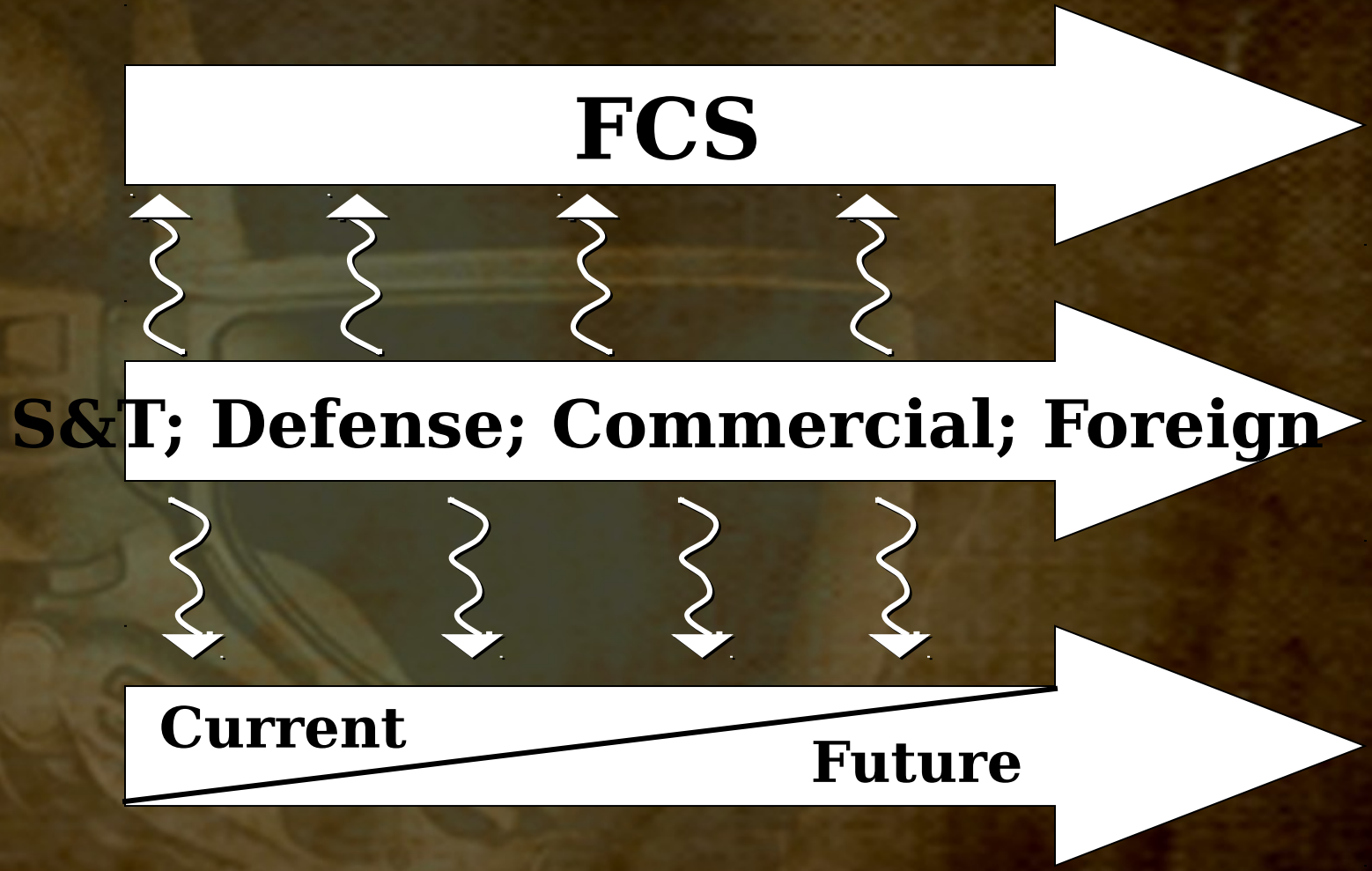
Retire
Demil

ACQUISITION

D O T L M P F

?

Current Future Force Acquisition



Industrial Base

- Responsive
- Viable
- Diverse

TWV Contract Awards

- Awarded $1.2B FMTV 5-yr. multi-year procurement contract to Stewart & Stevenson

- Added $389M in FY03 to AM General's HMMWV contract for 5,418 additional HMMWVs
  of various configurations (included $72M to O'Gara Hess for 1,035 UAHs)

- Added $400M in FY04 to AM General's HMMWV contract for 5,712 additional HMMWVs of
  various configurations (included $135M to O'Gara Hess for 1,902 UAHs)

- Procured 6,300 HMMWV Armor Kits (4,800 from GSIE/ARL // 1,500 from O'Gara Hess)

- Awarded $374M to OTC for 1,182 HEMTTs, 109 PLSs, 357 PLS-Trailers, 51 HET Tractors,
  & 50 HET Trailers produced under the FHTV contract

- Awarded $11.2M to OTC for HEMTT A3 development

- Awarded first of two-phase delivery order award for 525 M872A4 Semitrailers in
  FY03. Results from recently completed Dec 03 tests will be determining

Electric & Hybrid Electric Vehicle (HEV)Technology

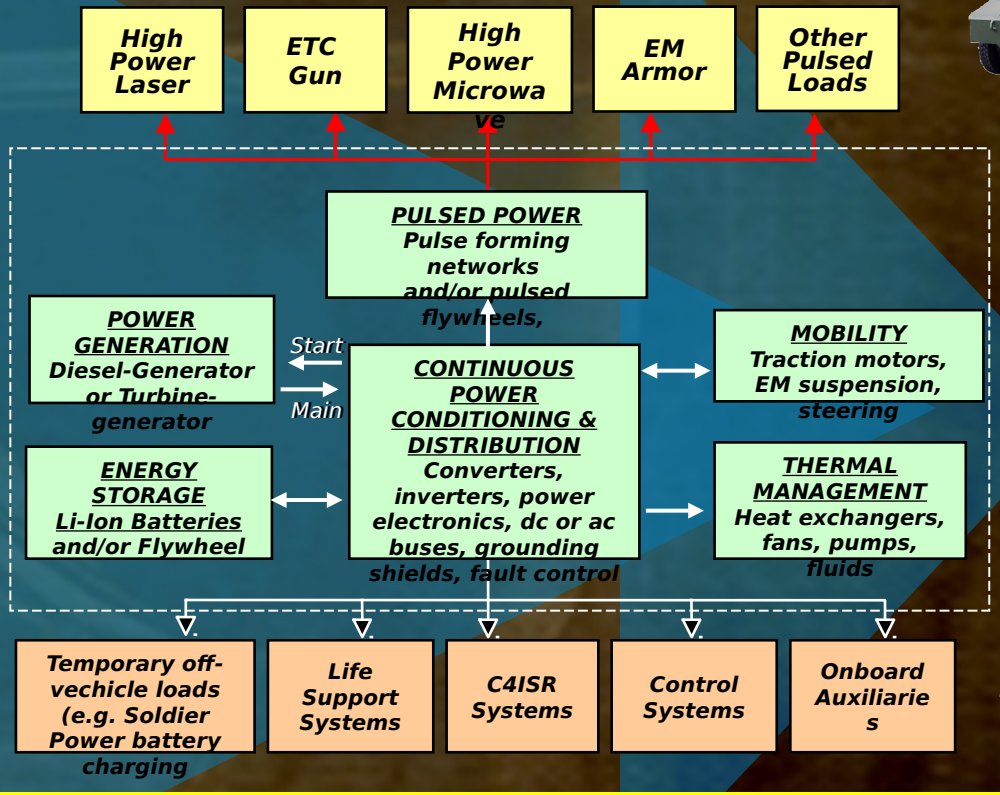
HE Drive Adaptations for learning & demonstration

Hybrid Electric M113

Hybrid Electric Bradley

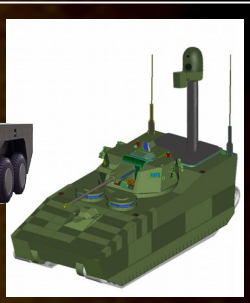
Hybrid Electric HMMWV

On-going Army S&T programs addressing system architecture, component & integration issues



New designs for HEV evaluation & demonstration

AHED 8X8



Future Scout & Cavalry System

Systems Integration Laboratory (SIL)

Future Tactical Truck System (FTTS)

HEV key enabler of transformation to lightweight, fuel efficient tactical and combat vehicles

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